



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 09-February-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Feb 2018	DAAD	Future	46	9.4692	9.4511	0.0000	0.0000	0	0.00
Mar 2018	DAAD	Future	4	9.4899	9.4709	0.0000	0.0000	0	0.00
			<u>50</u>					<u>0.00</u>	<u>0.00</u>
		Total	50					0.00	0.00
									77 074.00 730 365 560.80
									146 074.00 730 365 560.80
Future									
Feb 2018	DAEU	Future	44	14.8113	14.8277	0.0000	0.0000	0	0.00
Feb 2018	DAEU	Future	337	14.8524	14.8688	0.0000	0.0000	0	0.00
Mar 2018	DAEU	Future	63	14.9004	14.9153	0.0000	0.0000	0	0.00
Mar 2018	DAEU	Future	3	14.9468	14.9612	0.0000	0.0000	0	0.00
Apr 2018	DAEU	Future	16	15.0505	15.0638	0.0000	0.0000	0	0.00
			<u>463</u>					<u>0.00</u>	<u>0.00</u>
									788 925.00 11 776 008 390.40
Option									
Feb 2018	DAEU	16.41 Put	1,647	1562.6306	1546.1588	0.0000	0.0000	0	0.00
			<u>1,647</u>					<u>0.00</u>	<u>0.00</u>
		Total	2,110					0.00	0.00
									946 787.00 0.00
									1 735 712.00 11 776 008 390.40
Future									
Mar 2018	DAGB	Future	17	16.7324	16.9980	0.0000	0.0000	0	0.00
Mar 2018	DAGB	Future	38	16.7769	17.0414	0.0000	0.0000	0	0.00
Apr 2018	DAGB	Future	9	16.9247	17.1891	0.0000	0.0000	0	0.00
			<u>64</u>					<u>0.00</u>	<u>0.00</u>
		Total	64					0.00	0.00
									53 655.00 880 282 013.10
									260 968.00 880 282 013.10
Future									
Feb 2018	DAUS	Future	0	12.0775	12.0709	0.0000	0.0000	21,346	257,850,060.00
Feb 2018	DAUS	Future	70	12.0793	12.0673	0.0000	0.0000	0	0.00
Feb 2018	DAUS	Future	200	12.0793	12.0695	0.0000	0.0000	0	0.00
Feb 2018	DAUS	Future	19	12.0811	12.0716	0.0000	0.0000	0	0.00
Feb 2018	DAUS	Future	4,771	12.1047	12.0956	0.0000	0.0000	0	0.00

<u>DATE</u>	<u>CONTRACT</u>		<u>OPEN INT</u>	<u>MTM</u>	<u>PREV MTM</u>	<u>HIGH</u>	<u>LOW</u>	<u>DAILY VOLUME</u>	<u>CUMULATIVE VOLUME</u>		
Mar 2018	DAUS	Future	5,713	12.1318	12.1215	0.0000	0.0000	0	0.00		
Mar 2018	DAUS	Future	30,000	12.1442	12.1339	0.0000	0.0000	0	0.00		
Mar 2018	DAUS	Future	1,199	12.1566	12.1462	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	54	12.1882	12.2160	0.0000	0.0000	54	659,664.00		
Apr 2018	DAUS	Future	70	12.2022	12.1915	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	506	12.2126	12.2018	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	12.2317	12.2208	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	181	12.2655	12.2549	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	Future	445	12.3143	12.3042	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	100	12.3194	12.3093	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,800	12.3496	12.3399	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	500	12.3564	12.3467	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	70	12.3580	12.3484	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,853	12.3681	12.3587	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	12.3900	12.3808	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	1,766	12.4199	12.4108	0.0000	0.0000	430	5,356,080.00		
Sep 2018	DAUS	Future	1,295	12.4664	12.4574	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	70	12.5112	12.5024	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	225	12.5179	12.5090	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	430	12.5212	12.5124	0.0000	0.0000	430	5,384,890.00		
Nov 2018	DAUS	Future	70	12.5428	12.5340	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	12.6934	12.6842	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	13.6495	13.6307	0.0000	0.0000	0	0.00		
			<u>135,617</u>					<u>22,260.00</u>	<u>269,250,694.00</u>	<u>7 690 728.00</u>	<u>93 562 334 124.00</u>

Option

Feb 2018	DAUS	13.75 Put	20,000	1670.7141	1679.1131	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.90 Put	20,000	1820.7137	1829.1128	0.0000	0.0000	0	0.00
Feb 2018	DAUS	11.68 Put	100	5.1702	8.6649	0.0000	0.0000	0	0.00
Feb 2018	DAUS	11.86 Put	1,260	19.6431	26.6839	0.0000	0.0000	0	0.00
Feb 2018	DAUS	11.91 Call	1,260	197.0817	195.4514	0.0000	0.0000	0	0.00
Feb 2018	DAUS	12.10 Call	100	69.5982	76.4907	0.0000	0.0000	0	0.00
Feb 2018	DAUS	14.20 Put	20,000	2117.1273	2126.3220	0.0000	0.0000	0	0.00
Feb 2018	DAUS	11.65 Put	100	23.9976	25.1823	0.0000	0.0000	0	0.00
Feb 2018	DAUS	11.86 Put	340	72.1006	74.4490	0.0000	0.0000	0	0.00
Feb 2018	DAUS	11.96 Call	340	253.4349	247.3155	0.0000	0.0000	0	0.00
Feb 2018	DAUS	12.50 Call	3,450	62.5280	60.6568	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.80 Call	8,500	1.5011	1.3997	0.0000	0.0000	0	0.00
Feb 2018	DAUS	14.18 Put	2,186	2075.9852	2085.0350	0.0000	0.0000	0	0.00
Mar 2018	DAUS	13.40 Put	100,000	1296.2583	1305.4391	0.0000	0.0000	0	0.00
Mar 2018	DAUS	12.00 Call	20,000	323.0367	317.0624	0.0000	0.0000	0	0.00
Mar 2018	DAUS	13.00 Call	4,000	68.3865	66.9967	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.00 Put	1,000	2804.0007	2814.5399	0.0000	0.0000	0	0.00

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Apr 2018	DAUS	15.81 Call	2,000	2.3719	2.3502	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.70 Put	400	120.1119	123.7569	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.10 Call	400	396.9246	391.5071	0.0000	0.0000	0	0.00
Apr 2018	DAUS	13.80 Put	1,000	1635.0895	1644.7644	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.23 Call	500	6.5337	6.4157	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.66 Call	500	3.3018	3.2753	0.0000	0.0000	0	0.00
May 2018	DAUS	12.74 Put	1,880	713.5464	721.0139	0.0000	0.0000	0	0.00
May 2018	DAUS	13.86 Put	1,880	1686.3194	1695.7731	0.0000	0.0000	0	0.00
May 2018	DAUS	15.63 Call	1,880	4.6715	4.2613	0.0000	0.0000	0	0.00
May 2018	DAUS	12.75 Put	11,000	723.4619	730.9903	0.0000	0.0000	0	0.00
May 2018	DAUS	14.50 Put	11,000	2292.2828	2302.5174	0.0000	0.0000	0	0.00
May 2018	DAUS	15.76 Call	11,000	4.2171	4.1837	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Put	76,000	256.3388	261.4186	0.0000	0.0000	0	0.00
May 2018	DAUS	13.80 Put	1,000	1620.5369	1629.2865	0.0000	0.0000	0	0.00
May 2018	DAUS	15.43 Call	500	10.8728	10.5861	0.0000	0.0000	0	0.00
May 2018	DAUS	15.89 Call	500	4.7491	4.6337	0.0000	0.0000	0	0.00
Jun 2018	DAUS	13.80 Put	1,000	1610.1652	1617.9618	0.0000	0.0000	0	0.00
Jun 2018	DAUS	15.62 Call	500	25.9125	25.7459	0.0000	0.0000	0	0.00
Jun 2018	DAUS	16.10 Call	500	16.8596	16.9137	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.07 Put	2,000	333.9677	338.3221	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.60 Call	1,000	159.5105	156.5172	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.73 Call	1,000	142.2718	139.5706	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.19 Put	1,500	1949.1390	1956.7336	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.45 Put	1,500	2187.8759	2195.7729	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.72 Call	1,500	39.3375	38.9182	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.94 Call	1,500	34.4724	34.2028	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.80 Put	1,000	1599.7140	1606.4041	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.82 Call	500	41.7081	41.2701	0.0000	0.0000	0	0.00
Jul 2018	DAUS	16.32 Call	500	28.1486	27.9223	0.0000	0.0000	0	0.00
Aug 2018	DAUS	12.32 Put	1,880	488.5680	492.3473	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.86 Put	1,880	1649.6836	1656.1429	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.18 Call	1,880	35.5597	36.1059	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.80 Put	1,000	1592.7455	1598.6160	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.05 Call	500	56.2760	55.3806	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.57 Call	500	36.4935	35.8725	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	1587.1595	1592.3668	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	67.8340	66.4816	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	43.7241	42.7577	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	1,000	1580.2756	1584.8603	0.0000	0.0000	0	0.00
Oct 2018	DAUS	16.47 Call	500	78.1321	76.4202	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	52.1994	50.9308	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.90 Put	1,880	325.5282	327.5125	0.0000	0.0000	0	0.00

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Nov 2018	DAUS	13.86 Put	1,880	1628.6414	1632.5442	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.81 Call	1,880	63.8700	62.1328	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.80 Put	1,000	1575.0841	1579.1805	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.70 Call	500	85.0268	82.9910	0.0000	0.0000	0	0.00
Nov 2018	DAUS	17.31 Call	500	55.9231	54.4243	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.65 Put	20,000	1451.8783	1455.7088	0.0000	0.0000	0	0.00
Dec 2018	DAUS	15.69 Call	20,000	144.4069	141.5444	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.80 Put	1,000	1568.4601	1572.3156	0.0000	0.0000	0	0.00
Dec 2018	DAUS	16.93 Call	500	92.3323	90.0610	0.0000	0.0000	0	0.00
Dec 2018	DAUS	17.58 Call	500	60.7353	59.0585	0.0000	0.0000	0	0.00
			399,356					0.00	0.00
		Total	534,973					22,260.00	269,250,694.00
									24 538 547.00
									93 562 334 124.00
Future									
Mar 2018	EUUS	Future	2,548	1.2286	1.2309	0.0000	0.0000	0	0.00
			2,548					0.00	0.00
		Total	2,548					0.00	0.00
									686 513.00
									7 754 801 985.00
Option									
Jun 2018	JYZA	8.89 Put	1,200	4004.1025	3723.9596	0.0000	0.0000	0	0.00
			1,200					0.00	0.00
		Total	1,200					0.00	0.00
									2 400.00
									0.00
Future									
Mar 2018	ZAAD	Future	11,428	9.4955	9.4764	9.5012	9.4808	770	7,302,974.00
Jun 2018	ZAAD	Future	5,799	9.6193	9.6002	0.0000	0.0000	0	0.00
Sep 2018	ZAAD	Future	400	9.7445	9.7259	0.0000	0.0000	0	0.00
Dec 2018	ZAAD	Future	10,812	9.8647	9.8460	0.0000	0.0000	0	0.00
			28,439					770.00	7,302,974.00
		Total	28,439					770.00	7,302,974.00
									3 531 689.00
									30 526 916 096.60
Future									
Mar 2018	ZACA	Future	1,050	9.6407	9.6523	0.0000	0.0000	0	0.00
Jun 2018	ZACA	Future	300	9.7782	9.7886	0.0000	0.0000	0	0.00
			1,350					0.00	0.00
		Total	1,350					0.00	0.00
									126 303.00
									1 243 300 322.10
Future									
Mar 2018	ZAEU	Future	106,239	14.9137	14.9285	14.9553	14.9143	830	12,413,024.00
Jun 2018	ZAEU	Future	15,287	15.2065	15.2194	15.2636	15.2636	285	4,350,126.00
Sep 2018	ZAEU	Future	45,425	15.5039	15.5173	0.0000	0.0000	0	0.00

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Dec 2018	ZAEU	Future	2,962	15.7961	15.8103	0.0000	0.0000	0	0.00	
Mar 2019	ZAEU	Future	1,088	16.0993	16.1113	0.0000	0.0000	0	0.00	
			<u>171,001</u>					<u>1,115.00</u>	<u>16,763,150.00</u>	<u>13 786 646.00</u> <u>195 864 056 604.60</u>
Option										
Mar 2018	ZAEU	15.05 Put	5,648	367.2317	357.8105	0.0000	0.0000	0	0.00	
Mar 2018	ZAEU	15.10 Put	14,172	399.7651	390.0120	0.0000	0.0000	0	0.00	
Mar 2018	ZAEU	16.50 Call	643	16.9451	16.8815	0.0000	0.0000	0	0.00	
Mar 2018	ZAEU	17.00 Call	620	7.9547	7.9938	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	13.75 Put	50,995	30.7736	30.6683	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	13.97 Put	7,000	59.0111	58.2011	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	15.25 Put	50,995	536.7084	528.6382	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	16.44 Put	7,000	1420.5714	1409.3938	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	18.61 Call	7,000	31.8589	32.2455	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	20.55 Call	50,995	9.0375	9.1726	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	14.25 Put	124,767	157.3897	153.7014	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	15.85 Put	124,767	899.1408	889.8253	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	16.00 Put	21,525	1001.7966	992.1159	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	19.56 Call	124,767	69.6995	70.7250	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	21.63 Call	21,525	16.5819	16.9646	0.0000	0.0000	0	0.00	
			<u>612,419</u>					<u>0.00</u>	<u>0.00</u>	<u>7 266 415.00</u> <u>0.00</u>
		Total	783,420					1,115.00	16,763,150.00	21 053 061.00 195 864 056 604.60
Future										
Mar 2018	ZAFR	Future	1,215	12.9689	12.9386	0.0000	0.0000	0	0.00	
			<u>1,215</u>					<u>0.00</u>	<u>0.00</u>	<u>605 550.00</u> <u>6 459 053 543.50</u>
		Total	1,215					0.00	0.00	605 550.00 6 459 053 543.50
Future										
Mar 2018	ZAGB	Future	196,209	16.7900	17.0546	16.8305	16.8305	250	4,207,625.00	
Jun 2018	ZAGB	Future	10,315	17.0737	17.3397	0.0000	0.0000	0	0.00	
Sep 2018	ZAGB	Future	13,656	17.3531	17.6232	0.0000	0.0000	0	0.00	
Dec 2018	ZAGB	Future	895	17.6223	17.8947	0.0000	0.0000	0	0.00	
Mar 2019	ZAGB	Future	948	17.9176	18.1924	0.0000	0.0000	0	0.00	
			<u>222,023</u>					<u>250.00</u>	<u>4,207,625.00</u>	<u>9 862 712.00</u> <u>165 093 950 056.90</u>
Option										
Mar 2018	ZAGB	17.00 Put	500	496.4861	343.9409	0.0000	0.0000	0	0.00	
Mar 2018	ZAGB	19.00 Call	1,500	16.3078	24.7908	0.0000	0.0000	0	0.00	
Mar 2018	ZAGB	20.14 Call	500	4.0412	5.6307	0.0000	0.0000	0	0.00	
Jun 2018	ZAGB	17.50 Put	500	933.1732	768.3907	0.0000	0.0000	0	0.00	
Jun 2018	ZAGB	20.40 Call	500	64.8351	80.9725	0.0000	0.0000	0	0.00	
			<u>3,500</u>					<u>0.00</u>	<u>0.00</u>	<u>1 774 113.00</u> <u>0.00</u>

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Total			225,523					250.00	4,207,625.00	11 636 825.00	165 093 950 056.90	
Future												
	Mar 2018	ZAJY	Future	5,608	0.1116	0.1110	0.0000	0.0000	0	0.00		
				<u>5,608</u>					<u>0.00</u>	<u>0.00</u>	958 953.00	10 685 740 729.80
			Total	5,608					0.00	0.00	958 953.00	10 685 740 729.80
Future												
	Jun 2018	ZAKS	Future	1,145	0.1187	0.1181	0.0000	0.0000	0	0.00		
	Sep 2018	ZAKS	Future	562	0.1184	0.1166	0.0000	0.0000	0	0.00		
				<u>1,707</u>					<u>0.00</u>	<u>0.00</u>	31 923.00	432 652 210.00
			Total	1,707					0.00	0.00	31 923.00	432 652 210.00
Future												
	Mar 2018	ZATR	Future	433	3.1469	3.1470	0.0000	0.0000	0	0.00		
	Jun 2018	ZATR	Future	4,540	3.1035	3.1024	0.0000	0.0000	525	1,630,650.00		
				<u>4,973</u>					<u>525.00</u>	<u>1,630,650.00</u>	242 729.00	874 663 905.50
			Total	4,973					525.00	1,630,650.00	242 729.00	874 663 905.50
Future												
	Mar 2018	ZAUM	Future	477	12.1389	12.1286	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUM	Future	69	12.2958	12.2855	0.0000	0.0000	0	0.00		
	Sep 2018	ZAUM	Future	45	12.4481	12.4391	0.0000	0.0000	0	0.00		
	Dec 2018	ZAUM	Future	3	12.5935	12.5846	0.0000	0.0000	0	0.00		
				<u>594</u>					<u>0.00</u>	<u>0.00</u>	147 187.00	169 354 434 850.00
			Total	594					0.00	0.00	151 710.00	169 354 434 850.00
Future												
	Mar 2018	ZAUS	Future	799,379	12.1389	12.1286	12.2000	12.1300	28,881	351,014,413.40		
	Jun 2018	ZAUS	Future	232,636	12.2958	12.2855	12.3500	12.3050	100,381	1,238,920,100.00		
	Sep 2018	ZAUS	Future	37,613	12.4481	12.4391	12.4814	12.4814	430	5,367,002.00		
	Dec 2018	ZAUS	Future	18,500	12.5935	12.5846	0.0000	0.0000	0	0.00		
				<u>1,088,128</u>					<u>129,692.00</u>	<u>1,595,301,515.40</u>	166 130 600.00	1 957 405 941 691.70
Option												
	Mar 2018	ZAUS	11.50 Put	32,520	30.6105	31.8845	0.0000	0.0000	0	0.00		
	Mar 2018	ZAUS	11.60 Put	750	44.3867	46.0882	0.0000	0.0000	0	0.00		
	Mar 2018	ZAUS	11.80 Put	90,000	94.6229	97.5360	0.0000	0.0000	0	0.00		
	Mar 2018	ZAUS	11.99 Put	83,000	167.6044	171.8252	0.0000	0.0000	0	0.00		
	Mar 2018	ZAUS	12.00 Put	227,000	172.1540	176.4444	0.0000	0.0000	0	0.00		
	Mar 2018	ZAUS	12.13 Put	5,460	237.6088	242.7916	0.0000	0.0000	0	0.00		
	Mar 2018	ZAUS	12.20 Put	32,520	278.3912	284.0719	0.0000	0.0000	0	0.00		

<u>DATE</u>	<u>CONTRACT</u>		<u>OPEN INT</u>	<u>MTM</u>	<u>PREV MTM</u>	<u>HIGH</u>	<u>LOW</u>	<u>DAILY VOLUME</u>	<u>CUMULATIVE VOLUME</u>
Mar 2018	ZAUS	12.25 Put	3,750	309.6514	315.6823	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.36 Put	20,880	383.5147	390.2628	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.40 Put	2,500	411.9741	418.9617	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.47 Call	750	132.5352	129.6165	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.50 Put	25,380	486.4519	493.9922	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.55 Call	2,000	114.2174	111.7066	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.70 Call	11,000	86.3785	84.5116	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.70 Put	2,000	647.4785	655.9116	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.82 Put	10,323	749.6721	758.5390	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.94 Put	5,000	855.1914	864.4224	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.95 Call	13,200	53.0313	51.9895	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Call	41,000	48.0354	47.1201	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Put	95,146	909.1354	918.5201	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.20 Call	1,000	32.3686	31.8438	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.20 Put	1,073	1093.4686	1103.2438	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.21 Put	5,460	1102.8384	1112.6294	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.22 Put	15,000	1112.2209	1122.0266	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.25 Put	2,478	1140.4420	1150.2913	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.32 Put	7,500	1206.6874	1216.6270	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.35 Call	2,000	24.1346	23.8082	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.38 Put	2,500	1263.6540	1273.6399	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.40 Put	7,500	1282.6542	1292.6475	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Call	35,000	17.1574	16.8866	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Put	17,750	1378.2574	1388.2866	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.60 Put	98,694	1474.7303	1484.7912	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.66 Call	10,000	11.8628	11.6405	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.70 Call	25,150	10.8105	10.5989	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.74 Put	20,880	1610.9492	1621.0479	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.76 Call	4,000	9.4007	9.2041	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.79 Call	2,000	8.7647	8.5755	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.84 Put	1,000	1708.8975	1719.0197	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.91 Put	7,000	1777.7174	1787.8548	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.93 Call	100	6.3138	6.1553	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.93 Put	10,323	1797.4138	1807.5553	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.95 Put	1,000	1817.1239	1827.2695	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.98 Put	200	1846.7138	1856.8652	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.00 Call	10,000	5.3558	5.2110	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.02 Call	55	5.1095	4.9685	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.05 Put	500	1915.8611	1926.0256	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.07 Call	100	4.5420	4.4100	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.12 Call	4,951	4.0372	3.9137	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.16 Put	750	2024.7738	2034.9569	0.0000	0.0000	0	0.00

<u>DATE</u>	<u>CONTRACT</u>		<u>OPEN INT</u>	<u>MTM</u>	<u>PREV MTM</u>	<u>HIGH</u>	<u>LOW</u>	<u>DAILY VOLUME</u>	<u>CUMULATIVE VOLUME</u>
Mar 2018	ZAUS	14.18 Put	41,000	2044.6047	2054.7908	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.20 Call	73	3.3432	3.2324	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.22 Put	2,000	2084.2892	2094.4814	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.42 Call	5,460	1.9907	1.9094	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.44 Call	10,000	1.8992	1.8201	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.45 Call	17,000	1.8550	1.7771	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.49 Put	80,000	2352.7886	2363.0150	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.50 Call	10,490	1.6494	1.5769	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.50 Put	400	2362.7494	2372.9769	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.52 Put	850	2382.6737	2392.9033	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.54 Call	7,500	1.5016	1.4331	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.57 Call	100	1.3995	1.3341	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.60 Call	100	1.3061	1.2435	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.75 Call	25,047	1.2842	1.2215	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.86 Call	15,000	1.2748	1.2118	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.90 Call	5,000	1.2725	1.2094	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.91 Call	18,718	1.2721	1.2089	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.00 Call	6,126	1.2696	1.2060	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.11 Call	2,500	1.2703	1.2060	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.26 Call	2,500	1.2774	1.2119	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.46 Call	3,867	1.2963	1.2289	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.50 Call	35,000	1.3013	1.2334	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.57 Call	6,000	1.3110	1.2423	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.69 Call	750	1.3301	1.2599	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.00 Call	13,176	0.8810	0.8318	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.16 Call	225,000	0.6220	0.5859	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.00 Put	60,750	28.9617	30.1782	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.20 Put	550	49.7169	51.4654	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.50 Put	66	107.5928	110.2663	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.75 Put	60,000	182.2144	185.6738	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Put	20,550	285.2725	289.4789	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.12 Put	372	344.0034	348.5391	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.14 Call	8,000	510.1544	504.4440	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.14 Put	164,000	354.3544	358.9440	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.15 Put	500	359.5891	364.2055	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.24 Call	500	464.2591	458.8046	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Put	2,415	414.0793	418.9501	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Put	24,500	442.7405	447.7330	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	12,603	503.5947	508.8673	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Call	550	363.6822	358.9209	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Put	114,600	567.8822	573.4209	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	742.0851	748.2305	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	12.96 Put	2,700	901.0486	907.6608	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	28,358	932.3852	939.0925	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	972.0320	978.8524	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	1069.1990	1076.2775	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	1093.9072	1101.0458	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.22 Put	15,000	1110.4678	1117.6475	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,550	1177.3803	1184.7166	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.35 Call	60,000	165.5213	162.6503	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	1314.1714	1321.7940	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	1331.5256	1339.1827	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	1348.9327	1356.6216	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	1471.2521	1479.1799	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	2,415	1568.6369	1576.7390	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	1613.3499	1621.5290	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	1622.3242	1630.5192	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	1640.3038	1648.5283	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	1649.3089	1657.5471	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	1703.5464	1711.8717	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	5,630	1794.6897	1803.1476	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	1886.6849	1895.2677	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	2026.1001	2034.8530	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	55.9498	54.6747	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	47.8170	46.6885	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	43.1669	42.2121	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.00 Call	500	34.7681	34.2042	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	30.6492	30.2690	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	29.6107	29.2753	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	27.0036	26.7802	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.30 Call	24,500	24.6204	24.4960	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	21.1766	21.1881	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	19.5221	19.5946	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	18.8526	18.9493	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	13.9167	14.1730	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	8.7386	9.0252	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	6.4329	6.6644	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	6.1670	6.3917	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	5.5076	5.7149	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	5.2779	5.4790	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	4.3832	4.5589	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	2,415	2.9625	3.0938	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	2.6338	2.7540	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	1.9282	2.0229	0.0000	0.0000	0	0.00

<u>DATE</u>	<u>CONTRACT</u>		<u>OPEN INT</u>	<u>MTM</u>	<u>PREV MTM</u>	<u>HIGH</u>	<u>LOW</u>	<u>DAILY VOLUME</u>	<u>CUMULATIVE VOLUME</u>
Jun 2018	ZAUS	17.28 Call	5,630	1.7361	1.8234	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	1.4931	1.5707	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	73,314	243.0757	245.2097	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	5,300	684.7480	688.1936	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	710.5663	714.0809	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	845.4600	849.3187	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	73,314	1141.0353	1145.5968	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	262.0826	258.3170	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	68.6220	67.3405	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	66.6320	65.3915	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	63.9413	62.7567	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	57.9875	56.8987	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.96 Put	23,443	939.7630	942.6309	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.89 Call	1,000	205.5067	202.0153	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.95 Call	2,000	134.3861	131.6111	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	17.24 Call	23,443	67.0118	65.2752	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	20.00 Call	2,000	157.4099	156.1407	0.0000	0.0000	0	0.00
			<u>2,922,454</u>					<i>0.00</i>	<i>0.00</i>
			Total	4,010,582				129,692.00	1,595,301,515.40
								<i>45 603 863.00</i>	<i>0.00</i>
								211 734 463.00	1 957 405 941 691.70

Grand Total	5,604,356	154,612.00	1 894 456 608.40	285,865,415	2,696,811,714,095.27
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